Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 16 Feb 2023 until 23:59 on Friday 17 Feb 2023

Forecast Issued on Thursday 16 Feb 2023 at 00:00

Confidence: High for pattern, lower for the detail of cloud

Headline for Thursday 16 Feb 2023: Dull with hill fog and drizzle. Freezing level above all peaks.

Mountain weather hazards on Thursday 16 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG		
Fog	Fog	Fog	Fog	Dull	Heavy Rain
Precipitation probability					
80%	50%	40%	30%	20%	80%

Forecast for Thursday 16 Feb 2023

Weather: A dull day with extensive cloud, with outbreaks of generally light rain and drizzle, this most persistent through to mid-day and again late evening.

Chance of cloud-free hill tops above 800m: 10% or less

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases extensive down to 500m with patches below, perhaps thinning for a time early evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 16 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/24 SE	15/19 S	15/19 SW	17/21 W	21/26 SW	32/39 SW	43/53 SW
600	20/27 SE	13/16 S	13/16 SW	14/18 W	18/23 SW	29/38 SW	30/41 SW
300	6/17 S	5/13 S	5/12 SW	6/17 W	5/18 SW	10/28 SW	12/33 SW
Valley	6/15 SE	3/10 SE	3/8 SW	7/16 W	6/16 SW	8/22 SW	12/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	3/-2	4/-1	3/-2	2/-4	3/-4	5/-2
600	3/-2	4/0	5/1	5/1	4/-1	4/-2	6/1
300	4/2	5/3	6/5	6/4	6/4	6/3	8/5
Valley	6/4	6/5	7/6	7/5	7/6	7/6	9/6
Freezing Level*	1800m	1800m	1600m	1400m	1600m	2500m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive hill fog, also severe chill effect across higher peaks.

Forecast for Friday 17 Feb 2023

Weather: Severe gale to storm force winds at first across the peaks. Overcast through the morning with occasional light to moderate outbreaks of rain. Drier, brighter conditions feeding erratically from the north from mid-day.

Maximum wind: West to southwest mean 40-50 mph with gusts reaching 60-70 mph across most exposed ridges and summits, gradually easing from late morning.

Chance of cloud-free hill tops above 800m: 10% or less becoming 60-70% later in day

Low cloud and visibility: Moderate or poor in rain, very poor within cloud with bases extensive down to 500m at first with patches below, erratically lifting and breaking from the north from mid-day.

Temperature: **Valleys:** Plus 3 Celsius lifting 10 Celsius during the afternoon
At 800m: Plus 5 Celsius lowering plus 1 Celsius for evening
Freezing level: Above summits lowering 900m later

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Ground Conditions Supplement

Date: Wednesday 15 February 2023. Location: Helvellyn summit at 14:00 Full report: There was a possibility that this (Wednesday) morning's precipitation could fall as snow on the highest ground. If it did, then it thawed very quickly as there is no covering of fresh snow with the vast majority of the Lakeland fells up to, and including, summit level being clear of snow. Despite the summit temperature being only marginally above freezing, no ice on paths was encountered either. There are patches of old snow, however, which lie above 900m on steep north and east facing slopes; owing to both their height and aspect they have largely remained resistant to the milder temperatures with only marginal, or no, daytime thaws occurring. However, owing to their location most walkers will not cross any snow at all as probably the only snow left on any path in the Lake District is at Swirral Edge's exit – although it can be avoided. Conversely, the normal exit to Striding Edge is now free from snow. Despite the milder temperatures the summit windchill (what the temperature actually feels like) this afternoon was below zero (at minus 8 degrees). Therefore full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including a torch, map and compass all remain essential to safely, and enjoyably, roam the fells. Temperature: plus 0.5 C, Maximum wind speed 25.6 mph, Wind chill: minus 7.6 C, Average wind speed: 18.0 mph

Issued at: 00:00 on Thu 16 Feb 2023

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